

GENERAL

This is an example to be used as guidance for the Landscape Architect creating project specific erosion control sheets. The Erosion Control Legend (ECL) sheet is used to provide specifications that used to be shown in the SSPs. The ECL sheet uses tables to specify the erosion control type, items, sequence of application, seed mix, and other components. For more specific guidance on content of table entries see Landscape Architecture PS&E Guide (TO BE DETERMINED).

FIBER ROLLS

SEQUENCE	ITEM	MATERIAL		REMARKS
		DESCRIPTION	TYPE	
In EC Type 1 areas Fiber Rolls must be installed after RECP (Netting) and before Hydroseed.	FIBER ROLLS	FIBER ROLL	TYPE B 8" TO 10" Dia	Type 1 Fiber Roll installation

STAND-ALONE EROSION CONTROL ITEM TABLE: For guidance regarding this table see EXAMPLE 'A' EROSION CONTROL LEGEND (ECL) SHEET.

EROSION CONTROL TYPE 1

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE
		DESCRIPTION	TYPE	
STEP 1	COMPOST	COMPOST	MEDIUM	130 CY/ACRE
STEP 2	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	
STEP 3	HYDROSEED	SEED	MIX 1	42 LB/ACRE
		FIBER	WOOD	500 LB/ACRE
STEP 4	HYDROMULCH	FIBER	WOOD	1,500 LB/ACRE
		TACKIFIER	GUAR	125 LB/ACRE

EROSION CONTROL TYPE 'X' TABLE: For guidance regarding this table see EXAMPLE 'A' EROSION CONTROL LEGEND (ECL) SHEET.

EROSION CONTROL TYPE 2

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	DEPTH
		DESCRIPTION	TYPE		
STEP 1	COMPOST	COMPOST	MEDIUM	130 CY/ACRE	
STEP 2	STRAW	STRAW	WHEAT	2 TONS/ACRE	
STEP 3	INCORPORATE MATERIALS	COMPOST/STRAW			4"
STEP 4	HYDROSEED	SEED	MIX 2	35 LB/ACRE	
		FIBER	WOOD	500 LB/ACRE	
STEP 5	HYDROMULCH	FIBER	WOOD	1,500 LB/ACRE	
		TACKIFIER	GUAR	125 LB/ACRE	

EROSION CONTROL LOCATION TABLE: Only use this table when Erosion Control Plan (EC) sheets are not used to show locations of Erosion Control.

This table must be included when Erosion Control Plan (EC) sheets are not used. Note that this table is not shown on the Erosion Control Quantity (ECQ) sheet and does not include totals. Refer to the Example 'B' Erosion Control Quantity (ECQ) sheet for how bid item quantities are shown with this sheet.

SHEET: Include "NOT SHOWN ON PLANS" for clarification.

LOCATION: Identify location by line, station, left, and right as referenced from the Engineer's layout sheets.

EROSION CONTROL TYPE OR ITEM: Identify each Erosion Control Type, item, and quantity for locations listed. Area is typically "SQFT", but may be other units most compatible with associated bid items (i.e. if most bid items associated with the particular type are in ACRE units then use ACRE). These Erosion Control Types, units, and quantities are not bid items. Bid items are broken out on the Erosion Control Quantity (ECQ) sheet.

REMARKS: May use remarks to further clarify what locations the particular Erosion Control Type or item applies to.

EROSION CONTROL LOCATION

SHEET	LOCATION			TYPE 1	TYPE 2	FIBER ROLLS	REMARKS
	STATION	L+	R+	SQFT	SQFT	LF	
NOT SHOWN ON PLANS	"R46" 403+50 TO 411+20	X		25,599			ROADSIDE CUT SLOPE
	"R46" 411+50 TO 433+50	X		60,787			ROADSIDE CUT SLOPE
	"R46" 403+50 TO 406+30	X	X		10,582		ROADWAY MEDIAN
	"R46" 407+30 TO 410+80	X	X		9,500		ROADWAY MEDIAN
	"R46" 411+70 TO 433+50	X	X		74,207		ROADWAY MEDIAN
	"R46" 415+90 TO 422+10	X				900	
	"R46" 425+00 TO 431+00	X				1,100	

For guidance on line and text formatting not shown here for EROSION CONTROL LOCATION table, see the Plans Preparation Manual Section 2.19 "Summary of Quantities."

SPACING BETWEEN LINES (For double row column title): Use 36 feet between lines.

SPACING BETWEEN LINES (For single row of text): Use 18 feet between lines.

DRAFT

EROSION CONTROL LEGEND  
ECL-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
LICENSED LANDSCAPE ARCHITECT					
PLANS APPROVAL DATE			Signature: _____ Renewal Date: _____		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					

SEED MIX TABLE: For guidance regarding this table see EXAMPLE 'A' EROSION CONTROL LEGEND (ECL) SHEET.

SEED MIX

SEED	BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
MIX 1	ACHILLEA MILLEFOLIUM <sup>1</sup> (WHITE YARROW)	85	7
	BROMUS CARINATUS <sup>2</sup> (CALIFORNIA BROME)	85	20
	ESCHSCHOLZIA CALIFORNICA <sup>3</sup> (CALIFORNIA POPPY)	80	10
	VULPIA MICROSTACHYS (SMALL FESCUE)	90	5
MIX 2	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	85	20
	STIPA PULCHURA (PURPLE NEEDLEGRASS)	85	10
	VULPIA MICROSTACHYS <sup>1</sup> (SMALL FESCUE)	90	5

<sup>1</sup> SEED PRODUCED IN CALIFORNIA ONLY.

<sup>2</sup> SEED SOURCE FROM (Enter County Name) COUNTY ONLY.

<sup>3</sup> SEED SOURCE FROM (Enter "ABOVE" or "BELOW") THE (Enter Elevation) FOOT ELEVATION LEVEL.



GENERAL

This is an example to be used as guidance for the Landscape Architect creating project specific erosion control sheets.

For guidance on table line and text formatting not shown on this sheet see the Plans Preparation Manual Section 2.19 "Summary of Quantities".

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS  
OR AGENTS SHALL NOT BE RESPONSIBLE FOR  
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COPIES OF THIS PLAN SHEET.

LICENSED LANDSCAPE ARCHITECT

Signature

Renewal Date

Date

STATE OF CALIFORNIA

EROSION CONTROL QUANTITY TABLE: This table shows the specific bid items and associated quantities for each Erosion Control Type and items not associated with a Type.

SHEET: Specific locations are not necessary in this table since the locations have been shown in the Erosion Control Location table on the ECL sheet.

DESCRIPTION: List each Erosion Control Type and any items not associated with a Type.

BID ITEM DESCRIPTION: Identify all applicable bid items for all the Erosion Control Types listed and items not associated with a Type. The bid item description and units of measurement must match the BEES. Within each bid item column enter quantities adjacent to the applicable Erosion Control Type or item. At the bottom of the bid item column provide the total for the bid item.

EROSION CONTROL


SHEET	DESCRIPTION	COMPOST	STRAW	INCORPORATE MATERIALS	ROLLED EROSION CONTROL PRODUCT (NETTING)	HYDROSEED	HYDROMULCH	FIBER ROLL
		SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	LF
ECL-1	EROSION CONTROL TYPE 1	86,386			86,386	86,386	86,386	
	EROSION CONTROL TYPE 2	94,289	94,289	94,289		94,289	94,289	
	FIBER ROLLS							2,000
TOTAL		180,675	94,289	94,289	86,386	180,675	180,675	2,000

DRAFT

EROSION CONTROL QUANTITIES

ECQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT

ROBERT SMITH

CALCULATED-DESIGNED BY

CHECKED BY

JOHN DOE

JANE DOE

REVISED BY

DATE REVISED

00/00/00

00/00/00

BORDER LAST REVISED 7/2/2010

USERNAME => s124766  
DGN FILE => Example B ECQuantity WhenECSheetNotUsed 9-20-11.dgn

RELATIVE BORDER SCALE  
IS IN INCHES

0

1

2

3

UNIT 0000

PROJECT NUMBER & PHASE

00000000001

DATE PLOTTED => 20-SEP-2011  
TIME PLOTTED => 11:58